

INFORMATION DISCLOSURE CITATION LIST
ALTERNATE FORM PTO-1449
(additional to original listing)

Docket Number:

66291-137-2

Application Number

09/554,907

Applicant(s):

Mats LEIJON

Filing Date:

5/22/00

Group Art Unit:

2834

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB CLASS | FILING DATE IF APPROPRIATE |
|---------------------|----|--------------------|----------|----------------------|-------|--------------|-------------------------------|
| PPA | 1 | US 1,508,456 | 9/16/24 | W.G.Lenz | 439 | 82 | |
| | 2 | US 1,904,885 | 4/18/33 | G.A.Seeley | 15 | 104 | |
| | 3 | US 2,409,893 | 10/22/46 | W.W. Pendleton et al | 106 | 15 | |
| | 4 | US 2,650,350 | 8/25/53 | P.D. Heath | 332 | 11 | |
| | 5 | US 2,749,456 | 06/05/56 | F.O. Luengerger | 156 | 18 | |
| | 6 | US 3,014,139 | 12/19/61 | L.P. Shildneck | 174 | 11 | |
| | 7 | US 3,197,723 | 7/27/65 | I.K.Dortort | 336 | 14 | |
| | 8 | US 3,392,779 | 7/16/68 | K.B. Tilbrook | 165 | 17 | |
| | 9 | US 3,411,027 | 11/12/68 | H. Rosenberg | 310 | 15 | |
| | 10 | US 3,541,221 | 11/17/70 | M.Aupoix et al | 174 | 10 | |
| | 11 | US 3,571,690 | 3/23/71 | V V A V Lataisa | 174 | DI | |
| | 12 | US 3,651,244 | 3/21/72 | D.A. Silver et al | 156 | 54 | |
| | 13 | US 3,660,721 | 5/2/72 | L.L.Baird | 361 | 11 | |
| | 14 | US 3,666,876 | 5/30/72 | E.O.Forster | 174 | 10 | |
| | 15 | US 3,684,906 | 8/15/72 | H.G.Lexz | 310 | 64 | |
| | 16 | US 3,699,238 | 10/17/72 | T.E.Hansen et al | 174 | 11 | |
| | 17 | US 3,743,867 | 7/3/73 | J.L. Smith, Jr. | 310 | 86 | |
| | 18 | US 3,787,607 | 1/22/74 | H.J.Schlaflly | 156 | 49 | |
| | 19 | US 3,813,764 | 6/4/74 | E. Tanaka et al | 174 | 12 | |
| | 20 | US 3,828,115 | 8/6/74 | A.Hvzd, Jr. | 174 | 10 | |
| | 21 | US 3,912,957 | 10/14/75 | H.B. Reynolds | 174 | 88 | |
| | 22 | US 3,993,860 | 11/23/76 | J.P.Snow et al | 174 | 11 | |
| | 23 | US 4,008,367 | 2/15/77 | H. Sunderhauf | 174 | 10 | |
| | 24 | US 4,132,914 | 1/2/79 | G.M. Khutoretsky | 310 | 19 | |
| | 25 | US 4,314,168 | 2/2/82 | O. Breitenbach | 174 | 65 | |
| | 26 | US 4,321,426 | 3/23/82 | F.K.Schaeffer | 174 | DI | |
| | 27 | US 4,361,723 | 11/30/82 | A.Hvzd Jr. et al | 174 | 10 | |
| | 28 | US 4,365,178 | 12/21/82 | H.G.Lexz | 310 | 21 | |
| | 29 | US 4,367,890 | 1/11/83 | F.Spirk | 290 | 54 | |
| | 30 | US 4,384,944 | 5/24/83 | D. A. Silver et al | 174 | 12 | |
| | 31 | US 4,401,920 | 8/30/83 | R.S.Taylor et al | 250 | 42 | |
| | 32 | US 4,432,029 | 2/14/84 | B. Lundqvist | 361 | 10 | |
| | 33 | US 4,437,464 | 3/20/84 | J.J.Crow | 128 | 90 | |
| | 34 | US 4,484,106 | 11/20/84 | R.S.Taylor et al | 250 | 37 | |
| | 35 | US 4,490,651 | 12/25/84 | R.S.Taylor et al | 250 | 37 | |
| | 36 | US 4,508,251 | 4/2/85 | K.Harada et al | 223 | 11 | |
| | 37 | US 4,520,287 | 5/28/85 | D.C.Wang et al | 29 | 596 | |
| | 38 | US 4,571,453 | 2/18/86 | M.Takaoka et al | 174 | 10 | |
| | 39 | US 4,615,778 | 10/7/86 | R.K.Elton | 204 | 48 | |
| | 40 | US 4,622,116 | 11/11/86 | R.K.Elton et al | 204 | 48 | |
| | 41 | US 4,652,963 | 3/24/87 | N. Fahlen | 361 | 12 | |
| PPA | 42 | US 4,723,083 | 2/2/88 | R.K.Elton | 310 | 26 | |

Examiner

Date

0/29/01

INFORMATION DISCLOSURE CITATION LIST
ALTERNATE FORM PTO-1449
 (Corrected Listing of Original List)

| | | | | | |
|----|--------------|----------|------------------------------|-----|----|
| 43 | US 4,724,345 | 2/9/88 | R.K.Elton et al | 174 | 12 |
| 44 | US 4,732,412 | 3/22/88 | R. D.A. van der Linden et al | 138 | 99 |
| 45 | US 4,761,602 | 8/2/88 | G.Leibovich | 310 | 18 |
| 46 | US 4,771,168 | 9/13/88 | M.Gundersen et al | 315 | 53 |
| 47 | US 4,859,989 | 8/22/89 | H. McPherson | 174 | 12 |
| 48 | US 4,890,040 | 12/26/89 | M.A. Gundersen | 315 | 15 |
| 49 | US 4,982,147 | 1/1/91 | H.K.Lauw | 318 | 72 |
| 50 | US 5,030,813 | 7/9/91 | J. Stanis | 219 | 81 |
| 51 | US 5,091,609 | 2/25/92 | K.Swada et al | 174 | 72 |
| 52 | US 5,095,175 | 3/10/92 | F.Yoshida et al | 174 | 12 |
| 53 | US 5,171,941 | 12/15/92 | H. Shimizu et al | 174 | 12 |
| 54 | US 5,182,537 | 1/26/93 | R.C.Thuis | 336 | 18 |
| 55 | US 5,231,249 | 7/27/93 | H.Kimura et al | 174 | 12 |
| 56 | US 5,287,262 | 2/15/94 | J.Klein | 372 | 38 |
| 57 | US 5,325,259 | 6/28/94 | L. Paulsson | 361 | 15 |
| 58 | US 5,399,941 | 3/21/95 | M.G.Grothaus et al | 315 | 15 |
| 59 | US 5,408,169 | 4/18/95 | R.Jeanerret | 318 | 80 |
| 60 | US 5,449,861 | 9/12/95 | T. Fujino et al | 174 | 12 |
| 61 | US 5,499,178 | 3/12/96 | N. Mohan | 307 | 10 |
| 62 | US 5,533,658 | 7/9/96 | R.B. Benedict et al | 226 | 17 |
| 63 | US 5,534,754 | 7/9/96 | M. Pourmey | 315 | 21 |
| 64 | US 5,834,699 | 11/10/98 | A.G.Buck et al | 174 | 36 |
| 65 | US 847,008 | 3/12/07 | I Kitsee | 336 | 17 |

CTP E JCT 152
 AUG - 15 2001
 PATENT & TRADEMARK OFFICE

RECEIVED
 AUG - 8 2001
 TECHNOLOGY CENTER 2800

INFORMATION DISCLOSURE CITATION LIST
ALTERNATE FORM PTO-1449

FOREIGN PATENT DOCUMENTS



RECEIVED

AUG 8 2001

| | DOCUMENT NUMBER | DATE | COUNTRY | TRANSLATION | |
|----|--------------------|----------|---------------------|-------------|----|
| | | | | YES | NO |
| 1 | DE 209,313 | 4/25/84 | Germany | | |
| 2 | DE 134,022 | 12/28/01 | Germany | | |
| 3 | DE 1,465,719 | 5/22/69 | Germany | | |
| 4 | DE 19,020,222 | 3/13/97 | Germany | | |
| 5 | DE 19,620,906 | 1/8/96 | Germany | | |
| 6 | DE 386,561 | 12/13/23 | Germany | | |
| 7 | DE 3,925,337 | 2/7/91 | Germany | | |
| 8 | DE 406,371 | 11/21/24 | Germany | | |
| 9 | DE 4,402,184 | 8/3/95 | Germany | | |
| 10 | DE 4,438,186 | 5/2/96 | Germany | | |
| 11 | DE 975,999 | 1/10/63 | Germany | | |
| 12 | EP 0,102,513 | 1/22/86 | European | | |
| 13 | EP 0,185,788 | 7/2/86 | European | | |
| 14 | EP 0,221,404 | 5/16/90 | European | | |
| 15 | EP 0,503,817 | 9/16/92 | European | | |
| 16 | EP 0,620,630 | 10/19/94 | European | | |
| 17 | EP 0,739,087 A2 | 10/23/96 | European | | |
| 18 | EP 0,739,087 A3 | 3/27/97 | European | | |
| 19 | EP 0,749,193 A3 | 3/26/97 | European | | |
| 20 | EP 0,749,190 A2 | 12/18/96 | European | | |
| 21 | EP 0,913,912 A1 | 5/6/99 | European | | |
| 22 | FR 2,481,531 | 10/30/81 | France | | |
| 23 | FR 916,959 | 12/20/46 | France | | |
| 24 | EP 0,221,404 | 5/16/90 | European | | |
| 25 | EP 0,277,358 | 8/10/86 | European | | |
| 26 | EP 0,469,155 A1 | 2/5/92 | European | | |
| 27 | GB 2,150,153 | 6/26/85 | United Kingdom | | |
| 28 | GB 2,332,557 | 6/23/99 | United Kingdom | | |
| 29 | DE 468,827 | 7/13/97 | Germany | | |
| 30 | GB 666,883 | 2/20/52 | United Kingdom | | |
| 31 | GB 739,962 | 11/2/55 | United Kingdom | | |
| 32 | HU 175,494 | 11/28/81 | Hungary | | |
| 33 | JP 2,017,474 | 1/22/90 | Japan | | |
| 34 | JP 57,126,117 | 5/8/82 | Japan | | |
| 35 | JP 62,320,631 | 6/23/89 | Japan | | |
| 36 | JP 7,161,270 | 6/23/95 | Japan | | |
| 37 | JP 8,036,952 | 2/6/96 | Japan | | |
| 38 | JP 8,167,360 | 6/25/96 | Japan | | |
| 39 | SU 1,189,322 | 10-86 | Switzerland | | |
| 40 | SU 266,037 | 10/11/65 | Switzerland | | |
| 41 | SU 646,403 | 2/8/79 | Switzerland | | |
| 42 | WO 91/11841 | 8/8/91 | PCT | | |
| 43 | PCT SE 91/00077 | 4/23/91 | Int'l Search Report | | |
| 44 | WO 91/15755 | 10/17/91 | PCT | | |
| 45 | WO 97/29494 | 8/14/97 | PCT | | |
| 46 | WO 98/40627 | 9/17/98 | PCT | | |

INFORMATION DISCLOSURE CITATION LIST
ALTERNATE FORM PTO-1449
(Corrected Listing of Original List)

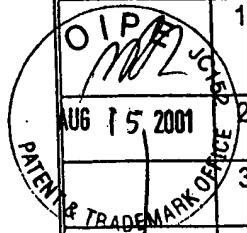
[illegible]

| | | | | | | |
|----------|----|--|--|--|--|--|
| Subtotal | 51 | | | | | |
|----------|----|--|--|--|--|--|

INFORMATION DISCLOSURE CITATION LIST
ALTERNATE FORM PTO-1449
 (Corrected Listing of Original List)

OTHER REFERENCES (Including Title, Author, Date, Pertinent Pages, etc.)

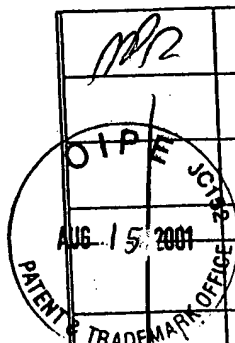
| | | |
|----|--------|--|
| 1 | OD 044 | A test installation of a self-tuned ac filter in the Konti-Skan 2 HVDC link; T. Holmgren, G. Asplund, S. Valdemarsson, P. Hidman of ABB; U. Jonsson of Svenska Kraftnat; O. loof of Vattenfall Vastsverige AB; IEEE Stockholm Power Tech Conference 6/1995, pp 64-70 |
| 2 | OD 045 | Analysis of faulted Power Systems; P Anderson, Iowa State University Press / Ames, Iowa, 1973, pp 255-257 |
| 3 | OD 046 | 36-Kv. Generators Arise from Insulation Research; P. Sidler; <i>Electrical World</i> 10/15/1932, ppp 524 |
| 4 | OD 047 | Oil Water cooled 300 MW turbine generator; L.P. Gnedin et al; <i>Elektrotechnika</i> , 1970, pp 6-8 |
| 5 | OD 048 | J&P Transformer Book 11 th Edition; A. C. Franklin et al; owned by Butterworth - Heinemann Ltd, Oxford Printed by Hartnolls Ltd in Great Britain 1983, pp29-67 |
| 6 | OD 049 | Transformerboard; H.P. Moser et al; 1979, pp 1-19 |
| 7 | OD 050 | The Skagerrak transmission - the world's longest HVDC submarine cable link; L. Haglof et al of ASEA; ASEA Journal Vol 53, Number 1-2, 1980, pp 3-12 |
| 8 | OD 051 | Direct Connection of Generators to HVDC Converters: Main Characteristics and Comparative Advantages; J. Arrillaga et al; <i>Electra</i> No. 149, 08/ 1993, pp 19-37 |
| 9 | OD 052 | Our flexible friend article; M. Judge; <i>New Scientist</i> , 05/10/1997, pp 44-48 |
| 10 | OD 053 | In-Service Performance of HVDC Converter transformers and oil-cooled smoothing reactors; G.L. Desilets et al; <i>Electra</i> No. 155, 08/1994, pp 7-29 |
| 11 | OD 054 | Transformateurs a courant continu haute tension-examen des specifications; A. Lindroth et al; <i>Electra</i> No 141, 04/1992, pp 34-39 |
| 12 | OD 055 | Development of a Termination for the 77 kV-Class High Tc Superconducting Power Cable; T. Shimonosono et al; IEEE Power Delivery, Vol 12, No 1, 01/1997, pp 33-38 |
| 13 | OD 056 | Verification of Limiter Performance in Modern Excitation Control Systems; G. K. Girgis et al; IEEE Energy Conservation, Vol. 10, No. 3, 09/1995, pp 538-542 |
| 14 | OD 057 | A High Initial response Brushless Excitation System; T. L. Dillman et al; IEEE Power Generation Winter Meeting Proceedings, 01/31/1971, pp 2089-2094 |
| 15 | OD 058 | Design, manufacturing and cold test of a superconducting coil and its cryostat for SMES applications; A. Bautista et al; IEEE Applied Superconductivity, Vol 7, No. 2, 06/1997, pp 853-856 |
| 16 | OD 059 | Quench Protection and Stagnant Normal Zones in a Large Cryostable SMES; Y. Lvovsky et al; IEEE Applied Superconductivity, Vol. 7, No. 2, 06/1997, pp 857-860 |
| 17 | OD 060 | Design and Construction of the 4 Tesla Background Coil for the Navy SMES Cable Test Apparatus; D.W. Scherbarth et al; IEEE Appliel Superconductivity, Vol. 7, No. 2, 06/1997, pp 840-843 |
| 18 | OD 061 | High Speed Synchronous Motors Adjustable Speed Drives; ASEA Generation Pamphlet OG 135-101 E, 01/1985, pp 1-4 |
| 19 | OD 062 | Billig burk motor overtonen; A. Felldin; <i>ERA (TEKNIK)</i> 08/1994, pp 26-28 |
| 20 | OD 063 | 400-kV XLPE cable system passes CIGRE test; ABB Article; ABB Review 09/1995, pp 38 |
| 21 | OD 064 | FREQSYN - a new drive system for high power applications; J-A. Bergman et al; ASEA Journal 59, 04/1986, pp16-19 |
| 22 | OD 065 | Canadians Create Conductive Concrete; J. Beaudoin et al; <i>Science</i> , Vol. 276, 05/23/1997, pp 1201 |
| 23 | OD 066 | Fully Water-Cooled 190 MVA Generators in the Tonstad Hydroelectric Power Station; E. Ostby et al; BBC Review 08/1969, pp 380-385 |
| 24 | OD 068 | Relocatable static var compensators help control unbundled power flows; R. C. Knight et al; <i>Transmission & Distribution</i> , 12/1996, pp 49-54 |
| 25 | OD 069 | Investigation and Use of Asynchronized Machines in Power Systems*; N.I. Blotskii et al; <i>Elektrichestvo</i> , No. 12, 1-6, 1985, pp 90-99 |
| 26 | OD 070 | Variable-speed switched reluctance motors; P.J. Lawrenson et al; IEE proc, Vol 127, Pt.B, No.4, 07/1980, pp 253-265 |



RECEIVED
 AUG - 8 2001
 TECHNOLOGY CENTER 2800

INFORMATION DISCLOSURE CITATION LIST
ALTERNATE FORM PTO-1449
 (Corrected Listing of Original List)

| | | |
|----|--------|--|
| 27 | OD 071 | Das Einphasenwechselstromsystem hoherer Frequenz; J.G. Heft; Elektrische Bahnen eb; 12/1987, pp 388-389 |
| 28 | OD 072 | Power Transmission by Direct Current; E. Uhlmann; ISBN 3-540-07122-9 Springer- Verlag, Berlin/Heidelberg/New York; 1975, pp 327-328 |
| 29 | OD 073 | Elektriska Maskiner; F. Gustavson; Institute for Elkreateknikk, KTH; Stockholm, 1996, pp 3-6 - 3-12 |
| 30 | OD 074 | Die Wechselstromtechnik; A. Cour' Springer Verlag, Germany; 1936, pp 586-598 |
| 31 | OD 075 | Insulation systems for superconducting transmission cables; O. Toennesen; Nordic Insulation Symposium, Bergen, 1996, pp 425-432 |
| 32 | OD 076 | MPTC: An economical alternative to universal power flow controllers; N. Mohan; EPE 1997, Trondheim, pp 3.1027-3.1030 |
| 33 | OD 078 | Lexikon der Technik; Luger; Band 2, Grundlagen der Elektrotechnik und Kerntechnik, 1960, pp 395 |
| 34 | OD 079 | Das Handbuch der Lokomotiven (hungarian locomotive V40 1 'D'); B. Hollingsworth et al; Pawlak Verlagsgesellschaft; 1933, pp. 254-255 |
| 35 | OD 080 | Synchronous machines with single or double 3-phase star-connected winding fed by 12- pulse load commutated inverter. Simulation of operational behaviour; C. Ivarson et al; ICEM 1994, International Conference on electrical machines, Vol. 1, pp 267-272 |
| 36 | OD 081 | Elkrafthandboken, Elmaskiner; A. Rejminger; Elkrafthandboken, Elmaskiner 1996, 15-20 |
| 37 | OD 082 | Power Electronics - In Theory and Practice; K. Thorborg; ISBN 0-86238-341-2, 1993, pp 1-13 |
| 38 | OD 083 | Regulating transformers in power systems- new concepts and applications; E. Wirth et al; ABB Review 04/1997, p 12- 20, |
| 39 | OD 084 | Transforming transformers; S. Mehta et al; <i>IEEE Spectrum</i> , July 1997, pp. 43-49 |
| 40 | OD 085 | A study of equipment sizes and constraints for a unified power flow controller; J. Bian et al; <i>IEEE Transactions on Power Delivery</i> , Vol.12, No.3, July 1997, pp.1385-1391 |
| 41 | OD 086 | Industrial High Voltage; F.H. Kreuger; <i>Industrial High Voltage</i> 1991 Vol I, pp. 113-117 |
| 42 | OD 087 | Hochspannungstechnik; A. Kuchler; Hochspannungstechnik, VDI Verlag 1996, pp.365- 366, ISBN 3-18-401530-0 or 3-540-62070-2 |
| 43 | OD 088 | High Voltage Engineering; N.S. Naidu; High Voltage Engineering ,second edition 1995 ISBN 0-07-462286-2, Chapter 5, pp91-98, |
| 44 | OD 089 | Performance Characteristics of a Wide Range Induction Type Frequency Converter; G.A. Ghoneem; <i>Ieema Journal</i> , September 1995, pp 21-34 |
| 45 | OD 090 | International Electrotechnical Vocabulary, Chapter 551 Power Electronics; unknown author; International Electrotechnical Vocabulary Chapter 551: Power Electronics Bureau Central de la Commission Electrotechnique Internationale, Geneve; 1982, pp1-65 |
| 46 | OD 091 | Design and manufacture of a large superconducting homopolar motor; A.D. Appleton; <i>IEEE Transactions on Magnetics</i> , Vol. 19, No.3, Part 2, 05/1983, pp 1048-1050 |
| 47 | OD 092 | Application of high temperature superconductivity to electric motor design; J.S. Edmonds et al; <i>IEEE Transactions on Energy Conversion</i> 06/1992, No. 2 , pp 322-329 |
| 48 | OD 093 | Power Electronics and Variable Frequency Drives; B. Bimal; <i>IEEE Industrial Electronics - Technology and Applications</i> , 1996, pp.356, |
| 49 | OD 094 | Properties of High Plymer Cement Mortar; M. Tamai et al; <i>Science & Technology in Japan</i> , No 63 ; 1977, pp 6-14 |
| 50 | OD 095 | Weatherability of Polymer-Modified Mortars after Ten-Year Outdoor Exposure in Koriyama and Sapporo; Y. Ohama et al; <i>Science & Technology in Japan</i> No. 63; 1977, pp 26-31 |
| 51 | OD 096 | SMC Powders Open New Magnetic Applications; M. Persson (Editor); <i>SMC Update</i> ,Vol. 1, No. 1, April 1997 |
| 52 | OD 097 | Characteristics of a laser triggered spark gap using air, Ar, CH4, H2, He, N2, SF6 and Xe; W.D. Kimura et al; <i>Journal of Applied Physics</i> , Vol. 63, No 6, 15 March 1988, p. 1882- 1888 |



RECEIVED
 AUG - 8 - 2001
 TECHNOLOGY CENTER 2800

**INFORMATION DISCLOSURE CITATION LIST
ALTERNATE FORM PTO-1449
(Corrected Listing of Original List)**

[illegible]

53

169

~~extinction~~